

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079917.D
 Acq On : 12 Jun 2015 3:24
 Operator : TP/IZ
 Sample : G2576-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHB11W

Quant Time: Jun 12 05:53:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	54696	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	228931	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	118282	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	266238	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	284351	20.00	ng	-0.16
86) Perylene-d12	16.69	264	280668	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	82543	25.29	ng	0.00
7) Phenol-d6	6.99	99	72557	16.99	ng	0.00
23) Nitrobenzene-d5	7.95	82	196062	50.94	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	68790	65.16	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	571746	68.12	ng	0.00
78) Terphenyl-d14	13.61	244	729016	58.26	ng	-0.08

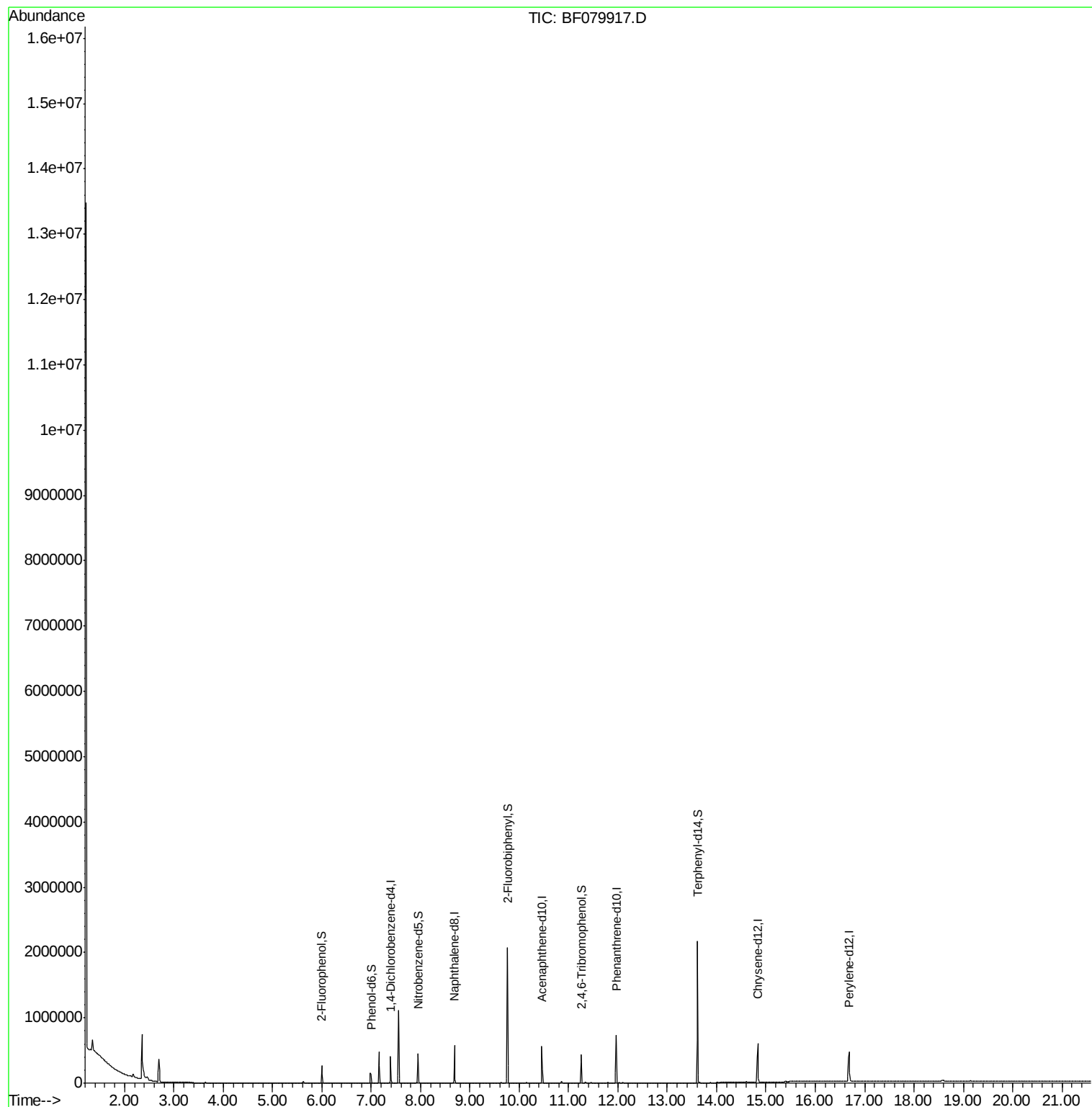
Target Compounds Qvalue

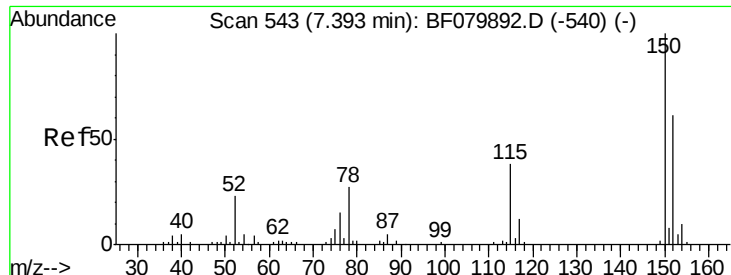
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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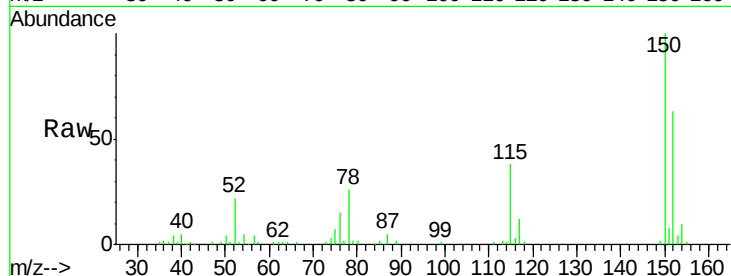


#1

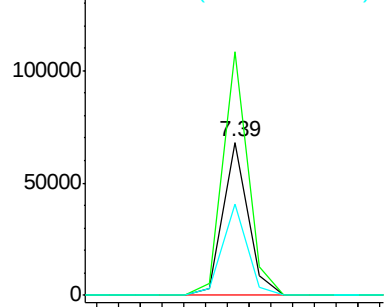
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

Instrument :
BNA_F
ClientSampleId :
SHB11W

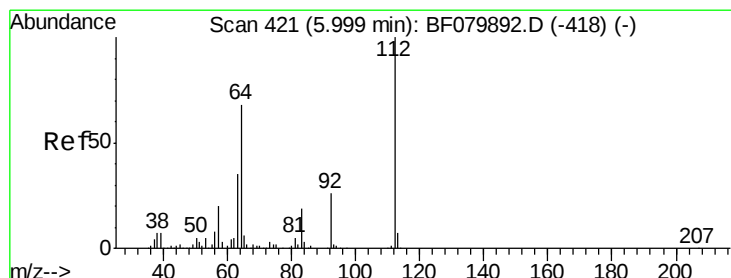
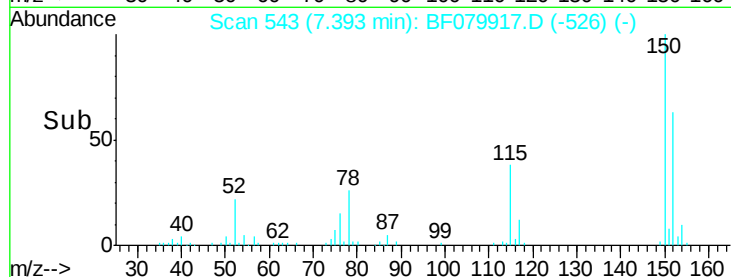
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	131.0	196.4
115	59.9	49.8	74.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



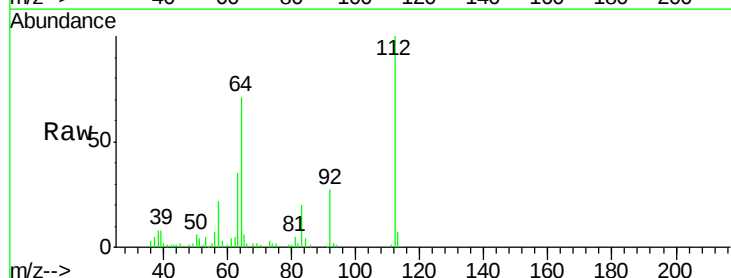
Time-->



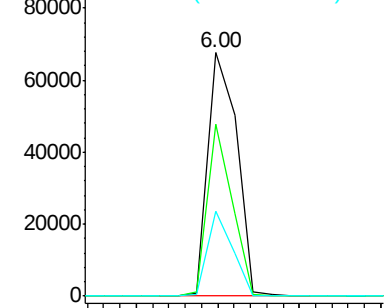
#5

2-Fluorophenol
Concen: 25.29 ng
RT: 6.00 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

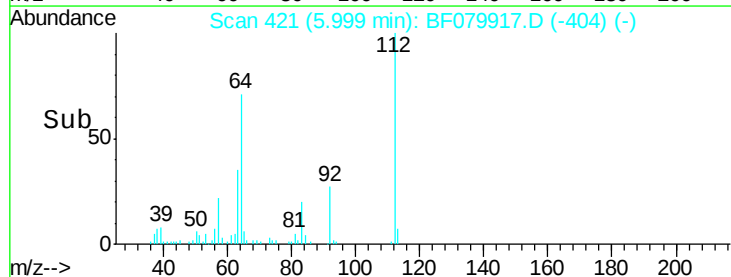
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	54.5	81.7
63	34.7	27.9	41.9

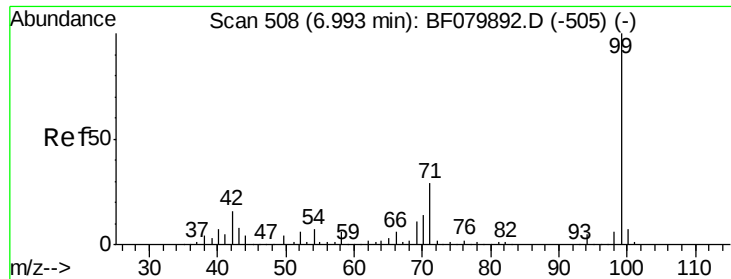


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 16.99 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079917.D

Acq: 12 Jun 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SHB11W

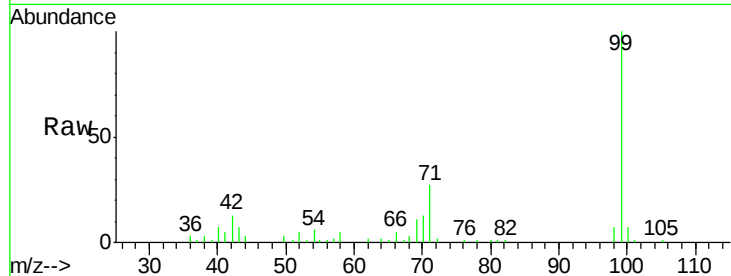
Tot Ion: 99 Resp: 72557

Ion Ratio Lower Upper

99 100

42 13.4 12.9 19.3

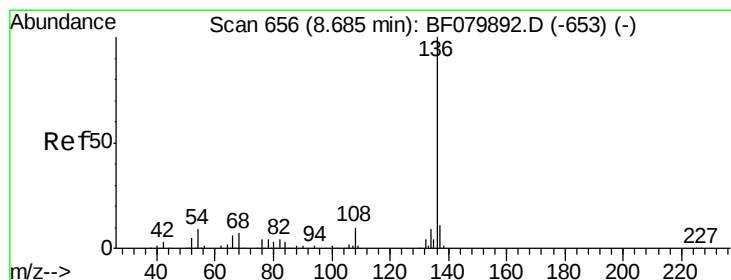
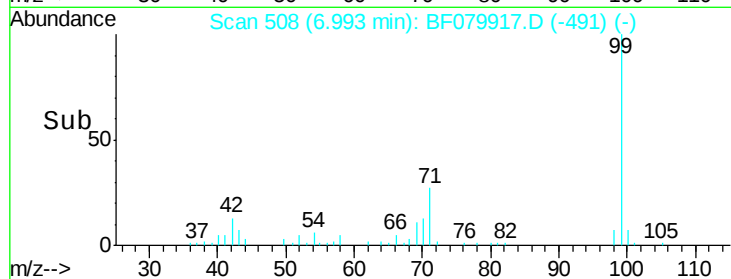
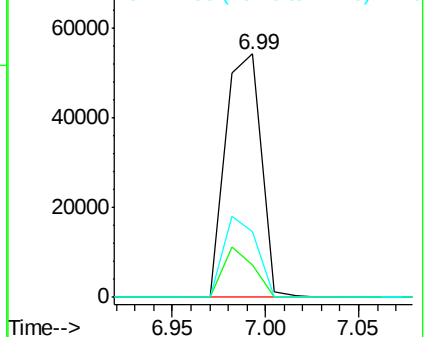
71 26.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079917.D

Acq: 12 Jun 2015 3:24

Tgt Ion: 136 Resp: 228931

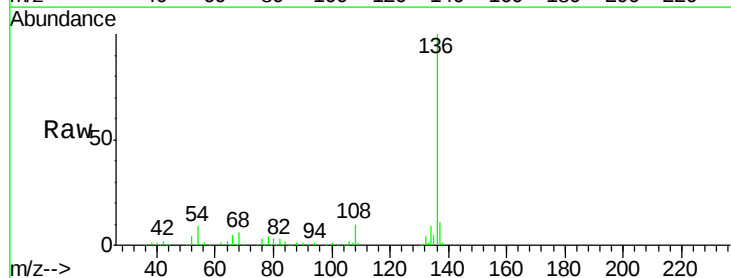
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.6 7.3 10.9

68 6.4 5.9 8.9

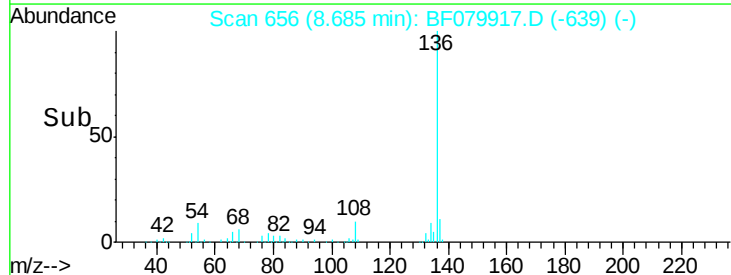
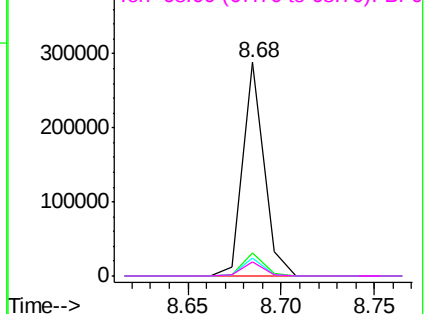


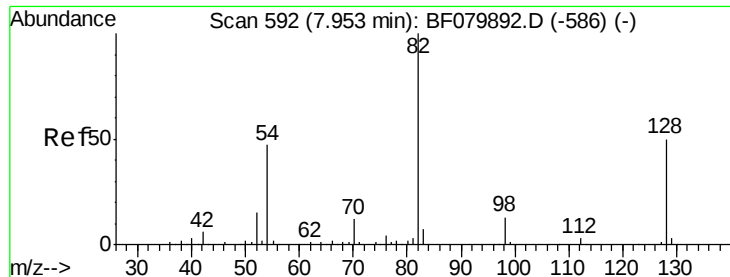
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

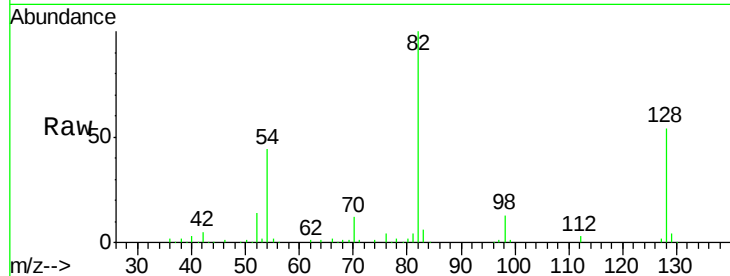




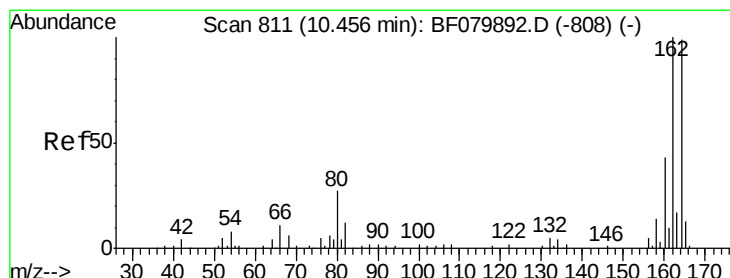
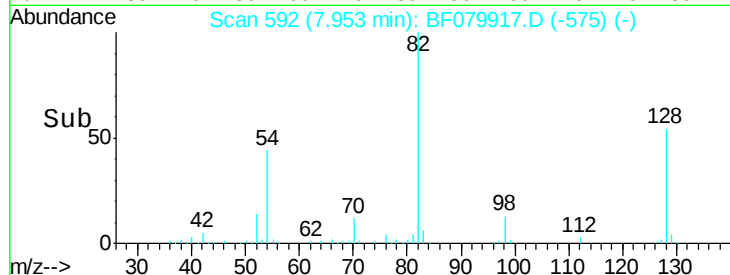
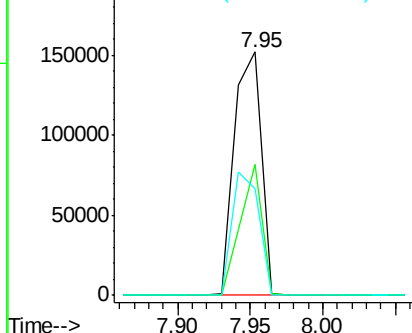
#23
 Nitrobenzene-d5
 Concen: 50.94 ng
 RT: 7.95 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

Instrument :
 BNA_F
 ClientSampleId :
 SHB11W

Tot Ion: 82 Resp: 196062
 Ion Ratio Lower Upper
 82 100
 128 53.6 40.3 60.5
 54 43.6 38.0 57.0

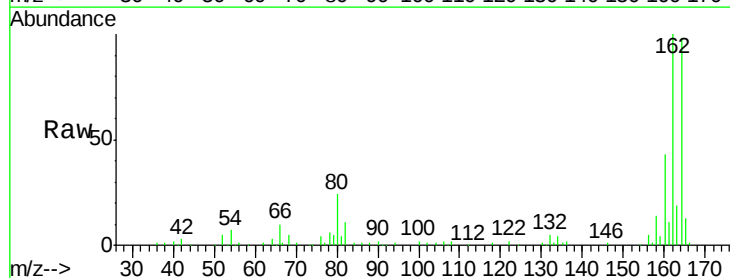


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

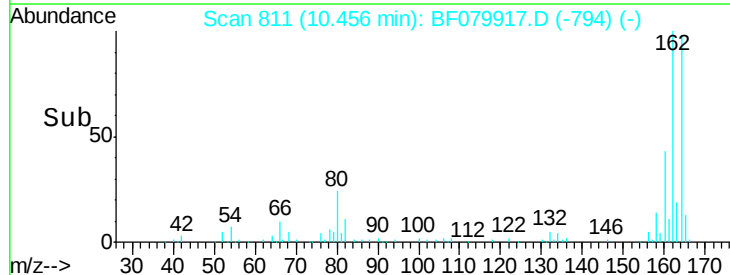
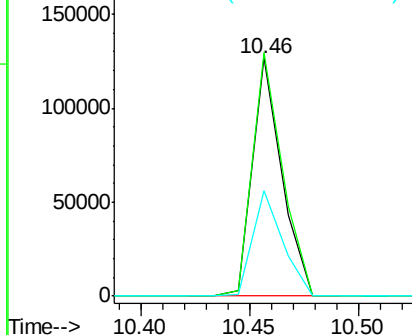


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

Tgt Ion: 164 Resp: 118282
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.7 121.1
 160 44.0 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

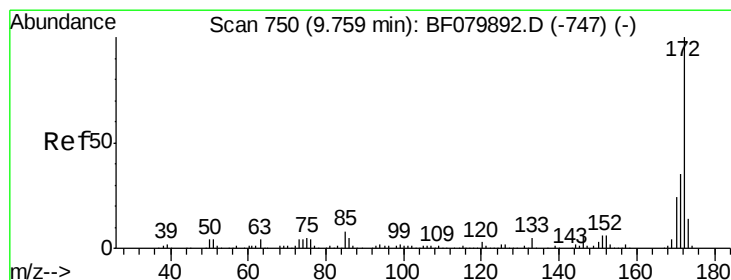
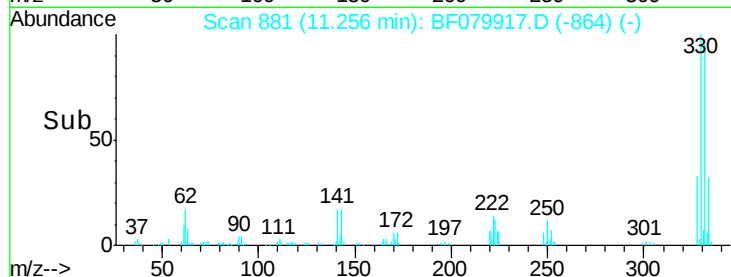
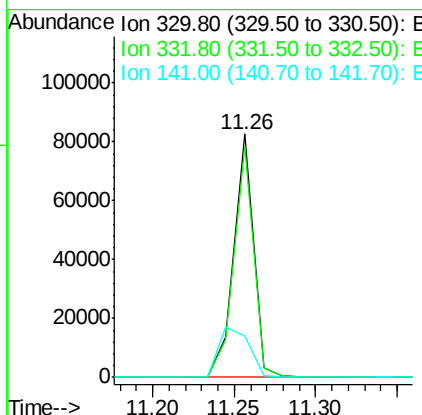
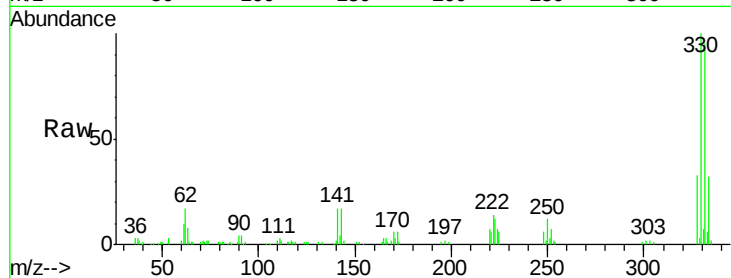




#41
 2,4,6-Tribromophenol
 Concen: 65.16 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

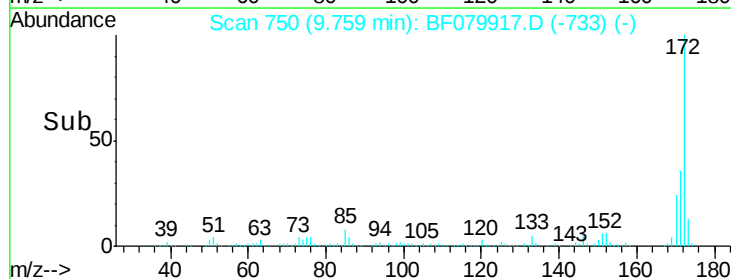
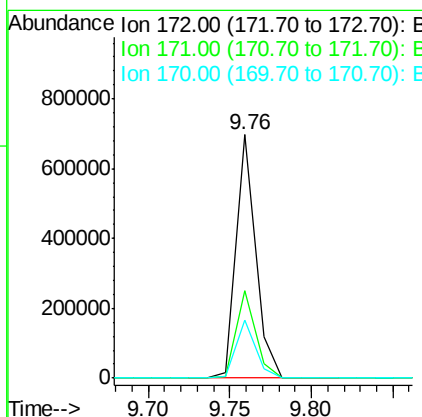
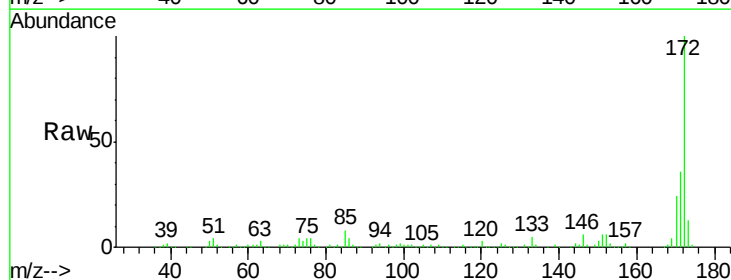
Instrument :
 BNA_F
 ClientSampled :
 SHB11W

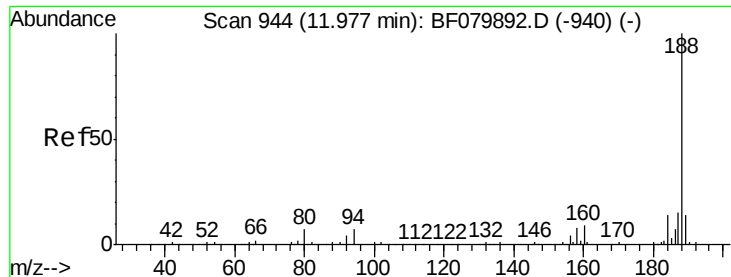
Tot Ion:330 Resp: 68790
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 31.3 26.8 40.2



#44
 2-Fluorobiphenyl
 Concen: 68.12 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

Tgt Ion:172 Resp: 571746
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 24.0 19.0 28.4

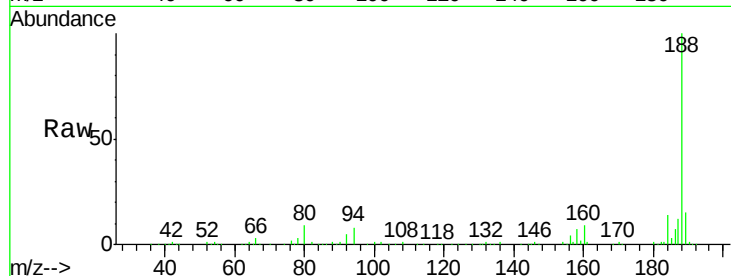




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

Instrument :
BNA_F
ClientSampleId :
SHB11W

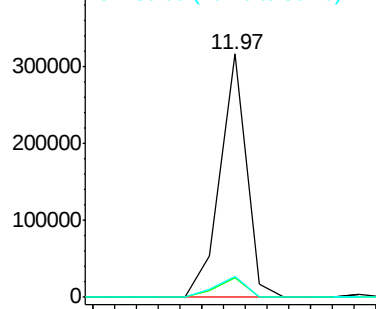
Tot Ion	188	Resp	266238
Ion Ratio	100		
Lower	5.8		
Upper	8.8		
94	8.2		
80	8.7		
5.9			
8.9			



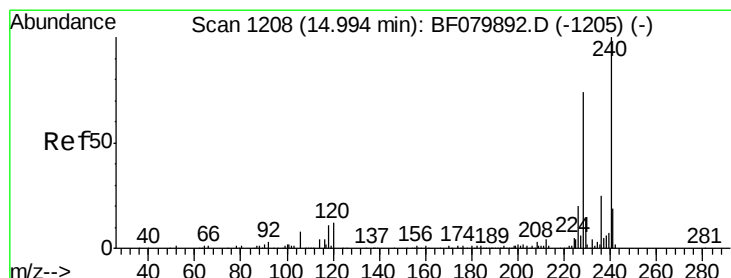
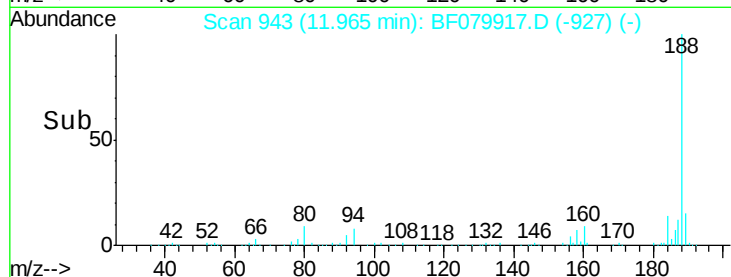
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

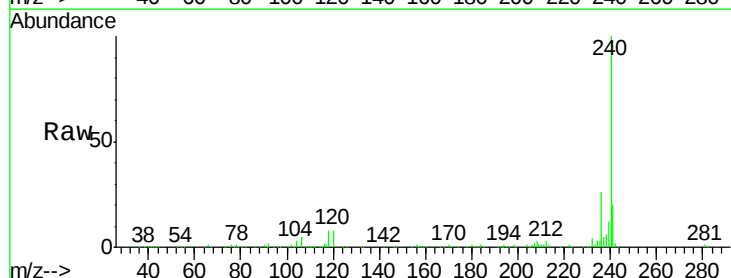


Time--> 11.90 11.95 12.00



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.83 min Scan# 1194
Delta R.T. -0.16 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

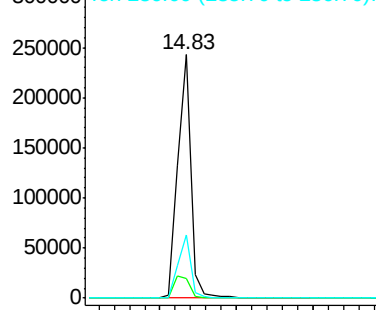
Tgt Ion	240	Resp	284351
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>9.4</td> <td></td> <td></td>	9.4		
Upper <td>14.2#</td> <td></td> <td></td>	14.2#		
120	7.9		
236	25.8		
19.6			
29.4			



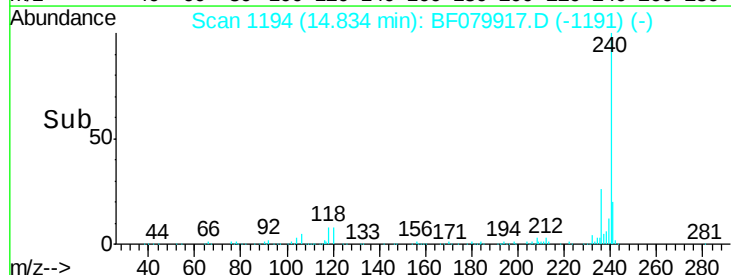
Abundance Ion 240.00 (239.70 to 240.70): E

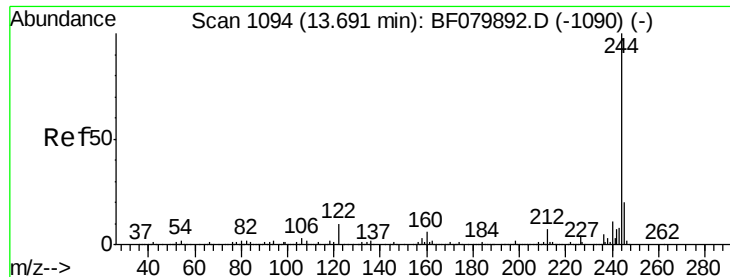
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.80 14.90 15.00





#78

Terphenyl-d14

Concen: 58.26 ng

RT: 13.61 min Scan# 1087

Delta R.T. -0.08 min

Lab File: BF079917.D

Acq: 12 Jun 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SHB11W

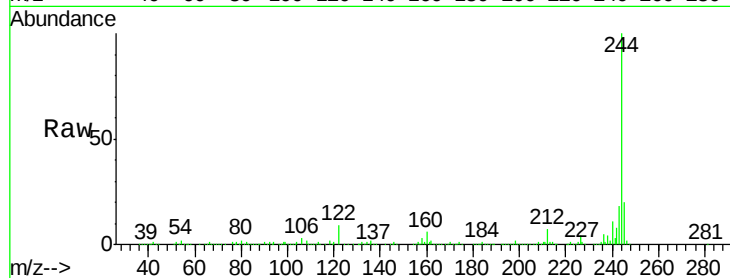
Tot Ion:244 Resp: 729016

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

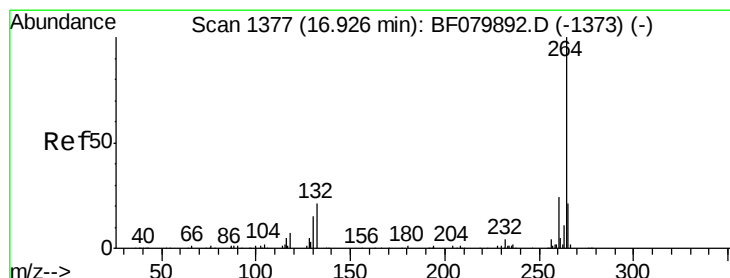
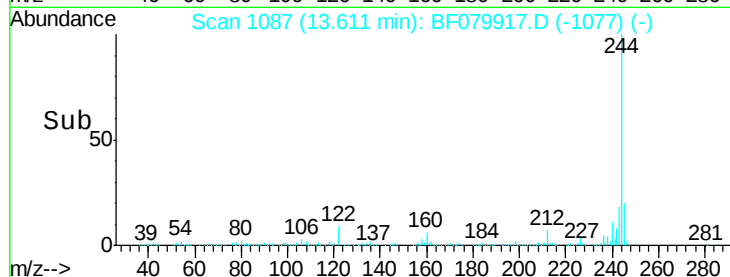
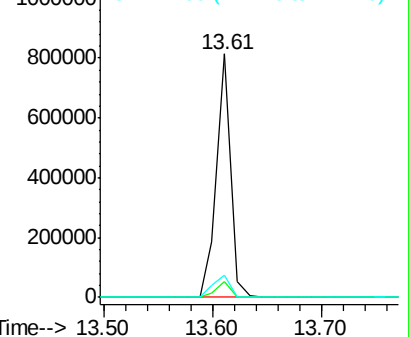
122 9.2 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.69 min Scan# 1356

Delta R.T. -0.24 min

Lab File: BF079917.D

Acq: 12 Jun 2015 3:24

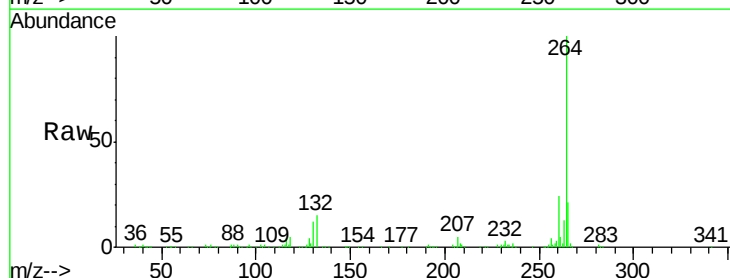
Tgt Ion:264 Resp: 280668

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.3 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

